

# RESULTS OF ROT'S MECHANICAL CONSTRUCTIONS INSPECTION

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After the long stop of the Antenna of the ROT-54/2.6 it was necessary to collect and analyze data about possible metal fatigue of the mechanical construction of tripod and the pendulum carrying the secondary mirror.

Taking into account an issue of potential risk minimization we invited specialists from the State Emergency Service.

# HUSC collaborated with the MES of Armenia



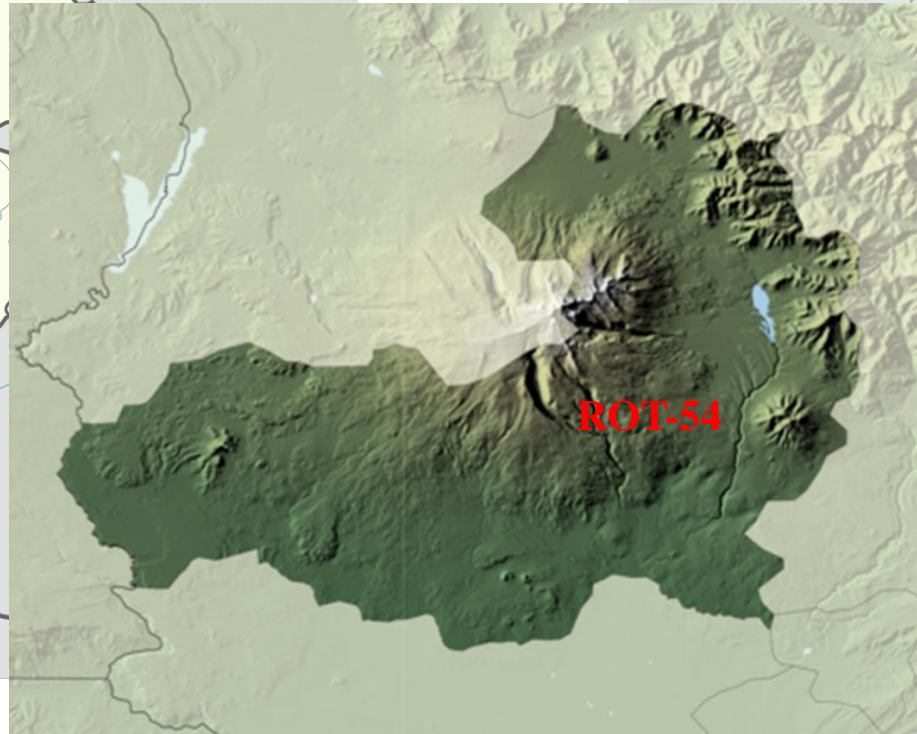
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MINISTRY OF EMERGENCY SITUATIONS OF RA  
МИНИСТЕРСТВО ПО ЧРЕЗВЫЧАЙНЫМ СИТУАЦИЯМ РА



«Արտակարգ իրավիճակների նախարարություն»

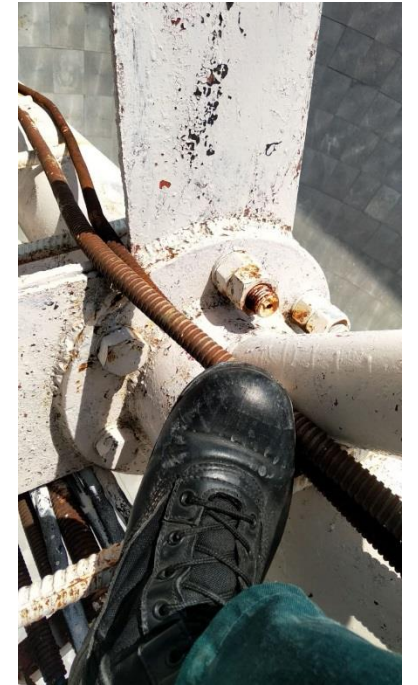
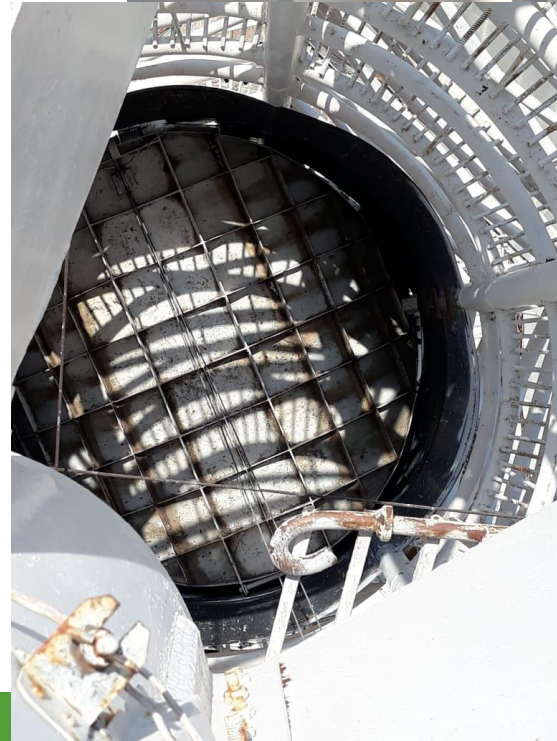
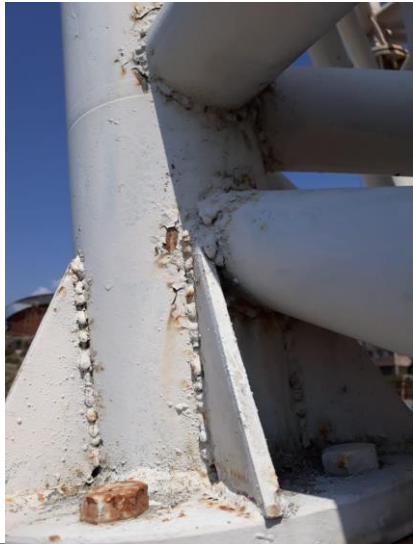
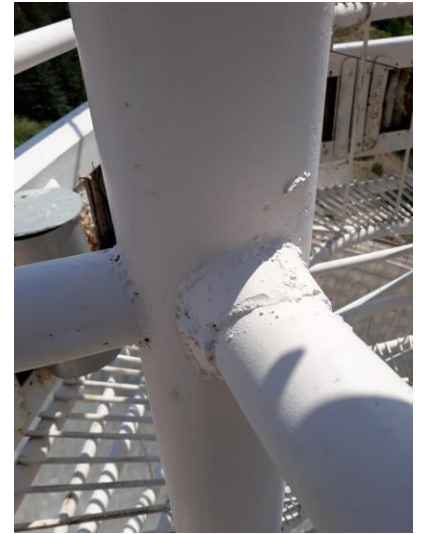


«Արտակարգ իրավիճակների նախարարություն»





# Top part of the pendulum



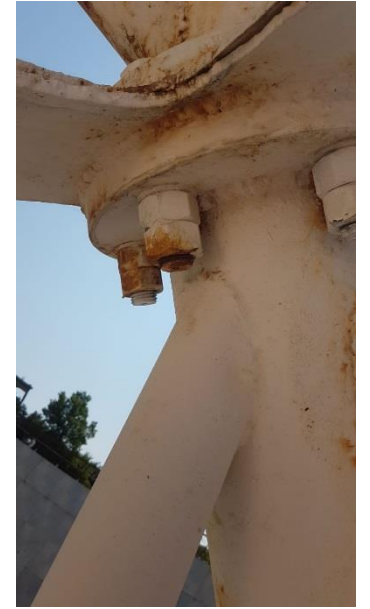


# Bottom part of the pendulum



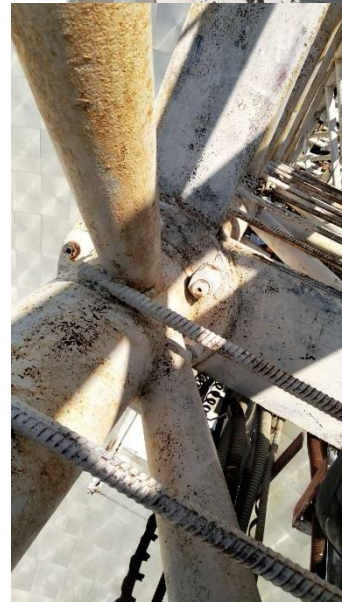
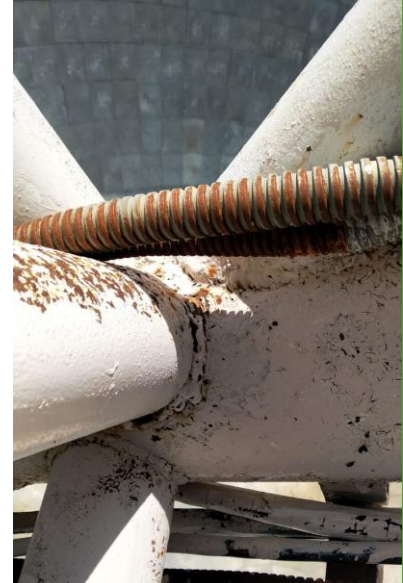
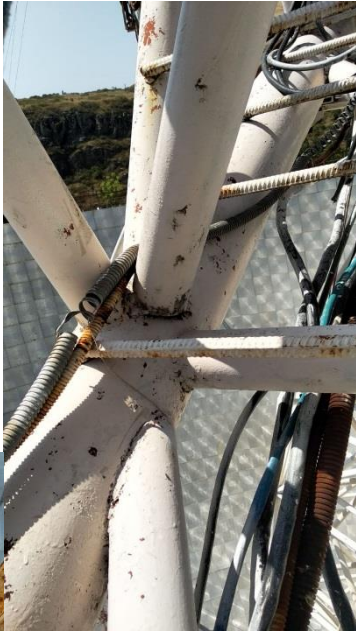
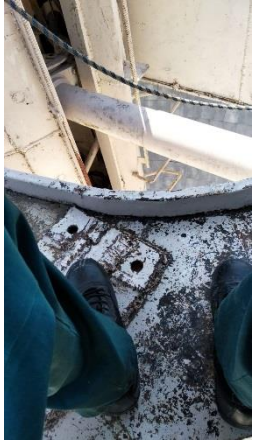


# Southern Leg



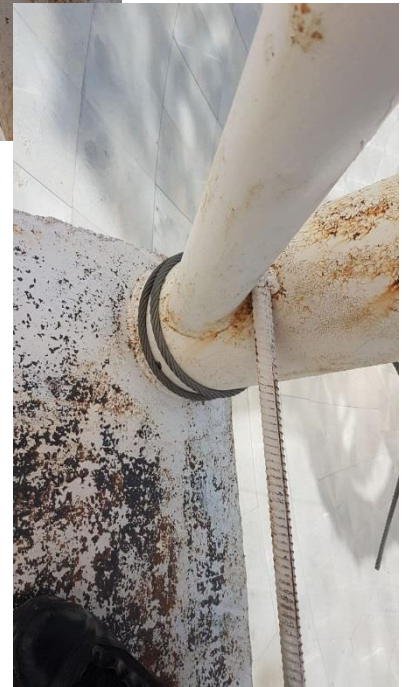


# Eastern Leg





# Northern Leg



# Results of the inspection observation

- 1-2 fastenering cross-ferm places of the bottom part of the pendulum needs to be welded for repairing.
- Rust on many parts.
- In order to avoid farther corrosion it is necessary to paint constructions.
- No any serious risk for exploatation of the Antenna now.





THANK YOU FOR ATTENTION

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